

# KATHRYN BARKER, MPH

Work Email: barker@snhdmail.org

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## OBJECTIVE

Advance public health surveillance efforts by contributing expertise in epidemiology, biostatistics, program development and management, and regulatory compliance. Advocate for underserved populations.

## EDUCATION

<b>Master of Public Health</b> Boston University Infectious Disease Epidemiology and Biostatistics	2011 – 2013
<b>Bachelor of Science</b> University of Utah Behavioral Science and Health, Pre-Physician Assistant Track	2005 – 2010
<b>Massage Therapy and Bodywork</b> Utah College of Massage Therapy	2003 – 2004

## RELEVANT EXPERIENCE

<b>Epidemiologist</b> Office of Epidemiology and Disease Surveillance Southern Nevada Health District – Las Vegas, NV <ul style="list-style-type: none"><li>• Conduct regular population-based surveillance through analysis of vital statistics, hospital discharges and emergency department discharges</li><li>• Specialize in injury and infectious disease epidemiology</li><li>• Participate in regional and national data surveillance workgroups and subcommittees</li><li>• Develop novel strategies for real-time disease surveillance</li><li>• Lead or participate in communicable disease investigations</li></ul>	2016 – present
<b>IACUC/IBC Compliance Coordinator</b>	2014 – 2016
<b>Compliance Specialist</b> Office of Research Assurances University of Idaho – Moscow, ID <ul style="list-style-type: none"><li>• Provided comprehensive support and program oversight for all research and academic activities involving vertebrate animals and biohazards</li><li>• Interpreted and applied federal and state regulations, including those specific to biosafety, biological select agents and toxins, animal care and use, and occupational health and safety</li><li>• Coordinated university-wide initiatives to prevent, detect, and respond to compliance risks</li></ul>	2013 – 2014
<b>Research Assistant, Pregnancy Health Interview Study</b> Slone Epidemiology Center Boston University – Boston, MA <ul style="list-style-type: none"><li>• Ascertained eligible study participants by reviewing hospital discharge lists and medical records and tracked participation throughout the study</li><li>• Collected vaccine data for use in the Vaccines and Medications in Pregnancy Surveillance System</li><li>• Created summary articles of recent study publications for use in newsletters and online content</li></ul>	2012 – 2013

**Data Analysis Intern**

2012

Division of Sexually Transmitted Disease Prevention

Massachusetts Department of Public Health (MDPH) – Boston, MA

- Analyzed large dataset of reported chlamydia infections in Massachusetts using SAS to evaluate health providers' adherence to and participation in new treatment guidelines known as Expedited Partner Therapy (EPT)

**OTHER EXPERIENCE****Massage Therapist**

2004 – 2011

Salt Lake City, UT

- Seven years of experience as a licensed massage therapist working in clinics, spas, and private practices

**Volunteer**

2012

Boston Living Center – Boston, MA

- Weekly shifts serving HIV-infected individuals in Boston's South End neighborhood

**POSTER PRESENTATION**

Smock, L., Barker, K., Hsu, K. (June 2014). *Expedited Partner Therapy for Chlamydia Infection is Underreported and Underutilized, Massachusetts 2012*. Abstract accepted for oral poster presentation at the Centers for Disease Control and Prevention 2014 STD Prevention Conference, Atlanta, GA.

**MEMBERSHIPS, CERTIFICATIONS, TRAININGS**

- Nevada Public Health Association
- Council of State and Territorial Epidemiologists
- Certified in laboratory, radiation, and biological safety, protection of human research subjects, and OSHA blood borne pathogen standard
- Certified to ship infectious substances and other dangerous goods through Saf-T-Pak (March 2015)
- PRIM&R IRB 101 and IRB Administrator trainings (Sept. 2013)
- NIH and Eagleson Institute IBC Fundamentals training (June 2015)